5. Phylogenetic trees

• The tree of life

Francois

Rechenmann

- The tree, an abstract object
- Building an array of distances
- The UPGMA algorithm
- Differences are not always what they look like
- The diversity of bioinformatics algorithms
- The application domains in microbiology











A tree expression







A tree expression



Different drawings, same tree



Different drawings, same tree



Interpreting a phylogenetic tree



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